



MISSOURI P-20 COUNCIL

2009 ANNUAL REPORT

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MISSOURI P-20 COUNCIL

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Department
of Economic
Development



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Coordinating Board for
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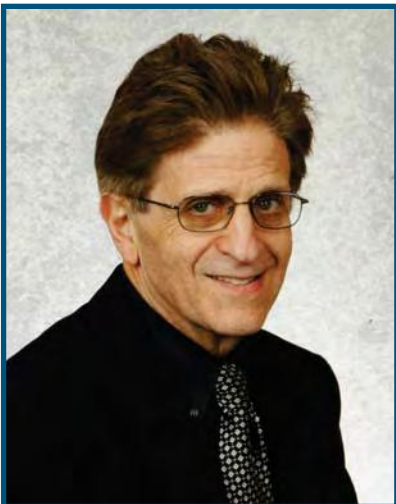
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and Secondary
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David Liechti

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State Board of
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MISSOURI P-20 COUNCIL

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Governor Nixon:

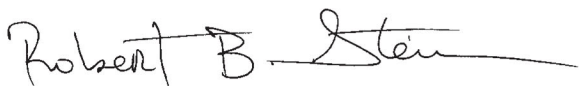
On behalf of my colleagues on the Missouri P-20 Council, I am pleased to submit this annual summary of activities for 2009. Missouri is among a few states in the nation with legislation to align education and the workforce from pre-school through employment. Our state council made great strides during 2009 to empower the formation and growth of regional P-20 councils throughout Missouri.

These regional councils address local issues, unite education and workforce interests, and enhance collaboration for economic development. The regional P-20 councils also attract federal grant funding to Missouri in recognition of their efforts to collectively address social, educational and economic issues. Together, these combined forces can shape a more prosperous future for all Missourians.

The statewide P-20 Council is currently composed of the director of the Department of Economic Development, the commissioners of Education and Higher Education, and the chairs of the State Board of Education, Coordinating Board for Higher Education, and Coordinating Board for Early Childhood. Legislation enacted in 2009 allows you to appoint up to seven more members to provide diversity and citizen representation, including appointment of an executive director, and to support establishment of a tax-exempt entity.

There is increased interest locally, statewide, and nationally in P-20 work. All Missouri P-20 Council members are committed to align our activities with your administration's priorities for ensuring a strong educational system and a reinvigorated competitive workforce that will help grow Missouri's economy. With your support, the Missouri P-20 Council and the local regional P-20 councils can help Missourians reach their full academic and economic potential.

Best,



Robert B. Stein, PhD
Commissioner of Higher Education
State of Missouri

The Missouri P-20 Council

In 1997, Missouri launched an initiative to align education and economic policies statewide. The initial effort made modest gains, but P-20 took a major step forward in 2006 with formal organization of the P-20 Council by state statute. The P-20 Council was comprised of the commissioners of Elementary and Secondary Education (K-12) and Higher Education, the director of the Department of Economic Development, and the chairs/presidents of the State Board of Education and the Coordinating Board for Higher Education. P-20 efforts were designed to focus on key issues which reach across educational sectors and into the workforce, including student preparation, student success, curriculum alignment, and collaboration with business and industry to increase the number of degrees in critical fields.

In 2009, additional legislation expanded the P-20 Council. The founding members were joined by the chairperson of the Coordinating Board of Early Childhood, and the governor was given authorization to appoint seven additional members from higher education, K-12 schools, early childhood education, and the business community. New legislation also authorized the council to incorporate as a private not-for-profit corporation – a 501(c)(3) – and to procure and expend external funds in support of its mission.

During the past year, the P-20 Council has established a subcommittee for research and policy consultation which will be available to provide additional information to support the development of data-driven policy-making. The subcommittee, established by the council at its February 2009 meeting, builds on an informal workgroup established in connection with the council's involvement in the National Governors Association Honor States grant program, and includes the following members:

- Bill Elder, University of Missouri-Columbia
- Janet Witter, WIRED Initiative
- Jeremy Kintzel, MDHE
- Leigh Ann Grant, DESE
- Mary Bruton, DED
- Max Ruhl, Northwest Missouri State University
- Mike Podgursky, University of Missouri-Columbia
- Stacy Preis, Joint Committee on Education

Throughout 2009, the P-20 Council met regularly in support of its core mission – collaboration and coordination of the state's education (pre-K through college) and workforce / economic development pipeline. Toward these ends, the council has engaged with staff of member agencies as well as key external stakeholders in several areas of high-priority focus:

- Regional P-20 Councils
- Grant Activities
- State Agency Collaborative Work
- External Partnerships
- Transitions
- Next Steps / Priorities for 2010 and Beyond

Regional P-20 Councils

Work with regional P-20 Councils has been an area of ongoing focus for the state council in 2009. While structures existed in some regions of the state to formalize collaboration among education, business leaders, and economic development, the Missouri P-20 Council took steps to seed similar efforts in other regions, as well as to support ongoing work. Chief among these efforts was the distribution of approximately \$70,000 in grant funds in early 2009 to the regions to target organization, communication among regional stakeholders, and needs assessment. Regional representatives have emphasized that the development of additional funding streams will be vital to the continuation of P-20 work across the state.

Central Missouri

In June 2009, the University of Missouri Institute of Public Policy hosted an initial P-20 regional council meeting in Columbia. Invitees included 85 public school administrators and the executive directors of the 23 chambers of commerce located in central Missouri. Attendees discussed the possible goals of a regional council, including developing strategies to better prepare students for academic transitions and for transitions to the workplace.

Kansas City

Planning and discussion of a formal Greater Kansas City Regional P-20 Council gained momentum at a follow-up meeting to the Early Childhood and Youth Development Education Summit (discussed under State Agency Collaborative Work, pg. 10). Attendees at the planning meeting indicated their interest in pursuing the development of a Greater Kansas City Regional P-20 Council, with a bi-state focus encompassing the areas defined by the Mid-America Regional Council and participants from nearby universities. Participants discussed the issues associated with formation of a regional council, including potential leadership, geographic boundaries, priorities, challenges, and advantages. Members of the Northwest Missouri P-20 Council attended the meeting and described the process of developing a P-20 Council in their region.

In addition, the Kansas City region held a summit focused on program articulation in early childhood education across the bi-state metro area; participants represented eight colleges and universities, six community-based organizations, and one state agency. Of particular note was the challenge of declining educational levels within the field as more educated staff retire or change careers. Participants were encouraged to think beyond their individual programs and agreements to consider innovative, systemic efforts to enhance articulation among institutions of higher education. They described challenges, successes, innovative solutions to consider, and additional partners to invite to follow-up discussions.

Northwest Missouri

The Northwest Missouri P-20 Council was formed in 2008, and grew out of a Healthy Communities Investor Council, sponsored by Heartland Health, Missouri Western State University, North Central Missouri College, Northwest Missouri State University, and St. Francis Hospital & Health Services, with the Heartland Foundation serving as managing partner. The Northwest P-20 Council is

devoted to leading a region-wide cross-sector approach to look for new innovative solutions to build healthier, more livable communities. Areas of focus for this regional council included strategic planning as well as serving as a centralized information resource for elected officials and state leadership on issues of mutual interest. Other major accomplishments in 2009 by the council and its partners included:

- Cooperative development of a new bio-manufacturing course at Missouri Western State University, which has led to employment, internship, and job interviews for several students.
- Internships provided by the Missouri Western State University Science and Technology Incubator; Northwest P-20 Council funding supported the purchase of equipment and supplies to enhance the level of training offered.
- Support for the My Success Event, which provided a forum for area businesses to meet with students and promote career opportunities; the 2009 event attracted over 2,100 sophomores from 33 regional high schools.
- Co-sponsorship with United Way of Greater St. Joseph, Inc. and Success by 6 to bring Bill Millett, President of Scope View Strategic Advantage, as keynote speaker at the Spring Chamber of Commerce Chairman's Breakfast for area business leaders; Mr. Millet emphasized the importance of early childhood education to global economic competitiveness.
- Several collaborative initiatives with Heartland Foundation's emPowerU, including a Saturday Morning Science program in partnership with the University of Missouri – Office of Science Outreach, and support for Immersion, which engages local students in experiential learning with special focus on civic engagement.
- Development of a new online Asset Inventory, which showcases educational assets from across the region, and is searchable by location, type of educational program, and population served.
- Attendance by several representatives at the WorkKeys National Conference in San Antonio, Texas.
- Support for summer internships at Heartland Foundation, in collaboration with the Northwest Region's Workforce Investment Board and Next Generation Jobs Team, with focus on creative marketing and social media activities to promote philanthropy, civics-based service learning, and career guidance.

Southeast Missouri

The Southeast Missouri P-20 Council was founded in late 2008, and includes representatives from the business and education communities across a 23-county region. Major accomplishments in 2009 by the council and its partners included:

- An inaugural strategic planning summit for the Board of Directors, facilitated by nationally recognized economic development consultant Ed Morrison; the Board identified major areas of focus and laid plans for involving area students in the development of a student-centered graduation plan.
- A Web site to recognize regional best practices, serve as a connection for the business and education communities, promote initiatives and events, supply information and eventually serve as an interactive communication tool for all those interested in the future endeavors of the P-20 Council and development of the region's talent .
- A series of five interactive regional career exploration events for area eighth grade students;

nearly 3,000 eighth graders and 70 area businesses in the Southeast Missouri region participated.

- A partnership with the Missouri Division of Workforce Development to promote the expansion of WorkKeys in the region, both with employers who will implement the assessment in their hiring processes and educational institutions which will administer the Missouri Career Readiness Certificate assessments to job seekers; the Council also collaborated with several area chambers of commerce to sponsor WorkKeys presentations for area business leaders in the region.
- Surveys of the business community to increase education partnerships with the P-20 Council and to better understand existing programs and services provided by area businesses, community organizations, and other sources to local school districts.
- Plans for the Strengthening the Pipeline project, in which the Southeast P-20 Council, in collaboration with the WIRED Initiative, will work with area guidance counselors, student representatives, and select industry professionals to identify effective character education programs for promotion and expansion across the region.
- Plans for the Graduating with Purpose Initiative, in which the Southeast P-20 Council, in collaboration with the WIRED Initiative, will bring students and educational professionals together for brainstorming, teamwork, and strategizing to devise the framework for a post-graduation plan that will then be implemented and utilized by students in all high schools throughout the Southeast region.

Southwest Missouri

Crowder College and Missouri Southern State University have agreed to assume joint leadership of the Southwest Missouri P-20 Council, and have formed a steering committee which is working to gain understanding of existing relevant initiatives in the region. Major accomplishments in 2009 by this regional council and its partners included:

- Regular meetings with area superintendents to determine their vision for the Southwest P-20 Council; discussions focused on culture change in the region to place greater value on education, and in potentially using COMPASS to better promote alignment of academic expectations.
- A preliminary mission statement and graphic marketing materials.
- Meetings with the Joplin Chamber of Commerce and business leaders.
- Potential collaboration with Missouri State University to strengthen early childhood teacher training.
- Visit with Northwest Missouri P-20 Council at the Heartland Foundation in St. Joseph.

St. Louis

In 2009, St. Louis initiated its first P-20 Council. St. Louis Community College and the St. Louis Regional Education Roundtable (STRER), formed in 2007, formally aligned and adopted a joint commitment to P-20 efforts in the gateway region. The P-20 regional mission is considered a critical 21st century reform to increase academic achievement and workforce development. Currently, the council has four planning committees and more than 80 education and civic leaders participating in development and planning. Major accomplishments in 2009 by the St. Louis council and its partners

included:

- Four area focus groups with community leaders to explore P-20 interest
- Approval of regional strategic plan by the STRER
- Discussion and agreement on the merger of efforts between St. Louis Community College and the STRER to form the St. Louis Regional P-20 Council
- Information to support IES grant submission and participation in Race to the Top statewide meetings (discussed under Grant Activities, pgs. 8 - 9)
- Regional higher education meeting at Washington University to solicit postsecondary commitment and support for collaborative efforts
- Planning for focused meetings in early 2010 with K-12, early childhood, higher education, and civic leadership stakeholders to develop a unified regional P-20 strategic plan.

Grant Activities

The P-20 Council has supported partner agencies in their efforts to pursue major grants.

U.S.D.E. Institute of Education Sciences Statewide Longitudinal Data Systems Grant Program

The U.S.D.E., through its Institute of Education Sciences, annually awards multi-million dollar grants to develop statewide student education data systems. In 2009, Missouri was awarded \$9.67 million, which over four years will support the development of DESE's Missouri Student Information System (MOSIS), a comprehensive system of student data collected from public school districts to track student achievement and college and workforce readiness. The grant will also fund professional development for system users at the district and school levels, data warehouse development and enhanced analysis capability at the state level, and redesign of DESE's teacher certification data system. In addition, the grant provides dedicated funding for development and pilot implementation of an online "P-20 Collaborative" online portal, including focused analysis of teacher quality. DESE is the lead applicant and fiscal agent for IES funds, although its successful application detailed extensive collaboration with the P-20 Council and other partners.

In late 2009, DESE led a coordinated application for an additional award under the 2010 IES Statewide Longitudinal Data Systems Grant cycle. For the first time, the 2010 request for proposals (RFP) from IES mandated that proposed projects support data systems development across the P-20 spectrum. In response, Missouri's application will direct significant resources to development of statewide data systems in early childhood and higher education, and to research workforce participation, training systems and research collaboration with bordering states, particularly Kansas.

Race to the Top

In 2010, the U.S.D.E. will award \$4.3 billion in grant funds to states proposing innovative projects and proposals centered around four specific reform areas:

- Adopting standards and assessments that prepare students to succeed in college and the workplace and to compete in the global economy
- Building data systems that measure student growth and success, and inform teachers and principals about how they can improve instruction
- Recruiting, developing, rewarding, and retaining effective teachers and principals, especially where they are needed most
- Turning around our lowest-achieving schools.

These grants, funded through the American Recovery and Reinvestment Act of 2009 (the federal stimulus bill), are known as the Race to the Top program, and will support creative and sustainable efforts to demonstrate effective new initiatives, especially those which might be transferable to other states. As is the case with the IES grants, DESE must be the lead applicant, and is currently working on a proposal for the Phase I application deadline (January 19, 2010).

On November 23, 2009, DESE convened a successful "stakeholders forum" to obtain input on potential initiatives from a diverse range of stakeholders and constituencies, and has also opened

a follow-up survey to gather additional feedback. More recently, DESE has asked school districts to submit a non-binding letter of intent to participate in and support Race to the Top projects. Opportunities exist for coordination with other major initiatives; in fact, the application deadline for the 2010 IES RFP was postponed to allow states more time to align their IES and Race to the Top applications.

The National Governor's Association Honor States Grant Program

With the support of the P-20 Council, DED, DESE, and MDHE staff continued to collaborate under a \$200,000 grant from the National Governor's Association (NGA) to link diverse data systems. The effort will create new feedback reports for high school, post-secondary and industry stakeholders. The grant enables development of customized reports that analyze linked P-20 longitudinal data systems. These reports will be tailored to the data needs of the K-12 and postsecondary education sectors and business leaders. The three stakeholder feedback reports are slated for completion in mid-February 2010, and will be vetted by the P-20 Council before public release.

Among the immediate and long lasting benefits results from the NGA grant are:

- Development of a P-20 data sharing governance policy
- Clarification of required content for future memoranda of agreement/understanding between the University of Missouri-Columbia Office of Social and Economic Data Analysis (OSED) and the departments involved
- Development of a memorandum of agreement for the exchange of wage/employment records with Illinois, which includes the release of the records to a third party, OSED
- Defined deliverables related to data linkages
- Defined data access and security procedures and policies
- Linked secondary to post-secondary files, and secondary and post- secondary fields to employment/wage files
- Missouri's first state-level agreement with the National Student Clearinghouse.

State Agency Collaborative Work

State agency members of the P-20 Council were actively engaged in a range of major initiatives in 2009 to support the council's goals. The Department of Economic Development, DESE, and the MDHE worked to strengthen the coordination among student preparation and success at all levels of education, teacher education, and workforce development and participation.

Early Childhood Education

On June 29, 2009, the P-20 Council held the first ever Early Childhood and Youth Development Education Summit to discuss the needs of Missouri's early childhood community. The summit brought together representatives from the Coordinating Board for Early Childhood, Center for Family Policy and Research at the University of Missouri-Columbia, OPEN (Opportunities in Professional Education Network) Center, the Institute for Human Development at the University of Missouri- Kansas City, and other key stakeholders throughout the state. Work at the summit was informed by a background paper sponsored by the P-20 Council and written by Michael B. Abel, M.A.Ed. and Kathryn L. Fuger, Ph.D., both of the University of Missouri-Kansas City. The paper details the current landscape of early childhood professional and career development pathways throughout the state of Missouri, and is posted online at http://www.dhe.mo.gov/files/p20_earlyeducationbgpaper.pdf.

At the summit, educators and administrators from higher education, K-12, Head Start, childcare, and youth development, in addition to community planning and service agencies, professional development organizations, advocacy groups, and philanthropic foundations worked together to better understand gaps in the early childhood system, emphasizing systematic improvements for professional development. The following were goals set forth by the planners to be accomplished at the summit:

- Increase awareness about the "P" portion of the P-20 work, including both early childhood education and school-age/after-school programming
- Discuss the early childhood and before/after-school system challenges and opportunities as they relate to higher education
- Discuss the higher education system challenges and opportunities as they relate to serving the early childhood and school-age/after-school fields
- Build an action agenda to address the challenges and realize the opportunities identified.

Following the summit, a Joint Committee on Early Childhood Education was established, comprised of staff representing the MDHE, DESE, the Coordinating Board for Early Childhood, the Department of Social Services, the Missouri Child Care Resources and Referral Network (MoCCRRN), the Center for Family Policy and Research, the Missouri Association of Early Childhood Teacher Educators, and other valued early childhood and youth development stakeholders throughout the state. The joint committee will continue to coordinate professional development and certification activities throughout the state, and collaboratively address other goals set forth at the summit.

Curriculum and Competency Alignment

Several major initiatives are underway across the state to align the expectations of students across major transition points, including throughout K-12, transitioning into college, and into the workforce.

Since 2007, the MDHE has coordinated the Curriculum Alignment Initiative, which has convened discipline-specific, cross-sector workgroups to develop entry- and exit- level competencies to clearly outline standards for success in collegiate-level coursework and to facilitate transfer of general education courses. Key accomplishments of the CAI workgroups and Steering Committee in 2009 have included:

- Completion of crosswalk analyses between course exit-level competencies in algebra, political science, freshman English composition, biology, history, psychology, and existing statewide general education program competencies
- Development of draft exit-level competencies for trigonometry, introductory physics for non-majors, and second semester foreign language
- Development of “optimal” entry-level competencies for engineering and engineering/information technology, designed to assist students who wish to pursue careers in these fields
- Development of an action plan for publication and dissemination of CAI competencies;
- Ongoing work and revision of cross-disciplinary competencies, including the addition of cultural/global awareness and creativity competencies.

In a related vein, DED staff continued to work to bring together the appropriate state and local individuals to align education and workforce programs with the future needs of Missouri employers. The Target Industry Competency Model project is intended to identify personal effectiveness, academic, and occupation specific competencies for businesses within the state’s targeted industry clusters.

Competency models for both information technology and transportation/logistics were released in the spring of 2009 and work on energy and life science competency models began in the fall of 2009; these models are slated for release in January 2010. The models are intended to serve as a useful human resource tool and to help shape policies that will address skill and curriculum gaps in order to meet the future needs of Missouri businesses.

Also in late 2009, the Governor and the State Board of Education confirmed Missouri as one of 48 states, two territories and the District of Columbia to commit to the implementation of the Common Core Standards in English-language arts and mathematics for grades K-12. The college- and career-readiness standards, released in September 2009, and the K-12 course level and graduation standards, to be released in early 2010, will define a unified set of standards of knowledge and skills students should have to succeed in entry-level, credit-bearing, academic college coursework and in workforce training programs.

These core standards have also become a critical component of the Race to the Top grant program. Missouri has committed to join a coalition of other states to implement not only the core standards, but also a common set of assessments.

Target Industry Clusters

DED staff continued to work with other P-20 agencies to develop a long-term process to map current education and workforce program supplies against the skills required in Missouri's fastest growing industries. By mapping current curricula against industry skill sets, competency models will allow industry councils to coordinate with the P-20 talent pipeline to produce qualified workers with more relevant skills in industries that drive Missouri's economy.

The targeted industry clusters defined by DED are:

- Agribusiness
- Automotive
- Defense & Homeland Security
- Energy
- Finance
- Information Technology
- Life Sciences
- Transportation/Logistics

Industry clusters are defined as groups of interdependent businesses linked by core products or services as well as the potential for common supply chains, labor needs, technologies, and markets.

P-20 Panel Discussion at the Governor's Conference on Economic Development

The Missouri P-20 Council was invited to present at the annual Governor's Conference on Economic Development in September 2009. The title of the presentation was "P-20 Business/Education Partnerships: Opportunities for Accelerating Economic Growth across Missouri." At the conference, representatives of the Council briefly described its history and vision for state planning and enhanced coordination to produce a more globally competitive Missouri workforce.

Attendees were encouraged to discuss the council's vision for improved educational attainment, job creation, and quality of life. In addition, council members and other participants suggested strategic actions for a public agenda integrating education and workforce development. Participants included stakeholders from local P-20 Councils, education/training providers, economic and workforce developers, and legislators.

External Partnerships

The P-20 Council has also supported and collaborated with several other entities which share its goals in streamlining pathways for students throughout their educational career and into successful participation in the Missouri workforce.

The University of Missouri P-20 Task Force

At the direction of University of Missouri President Gary Forsee, the university in 2009 assembled a focused P-20 task force which was charged to identify “specific actions that would continuously improve our success rates for mitigating leaks in the pipeline, as well as increasing its capacity. Measures such as the percentage of those pursuing higher education; graduation rates as measured from ninth grade; and increases in the number of students enrolled in science, technology, engineering and math programs, are only a few of the critical factors that should be monitored.” The task force was further charged to “identify not more than 10 [University of Missouri] programs or actions that represent the best practices and programs across the system that can be leveraged and/or replicated across the state.” While membership on the task force was primarily comprised of administration, faculty, and staff representing the system and University of Missouri campuses, Dr. Tim Gallimore, Interim Executive Director of the Missouri P-20 Council, was also invited to participate in discussions.

In the course of its work, the task force identified several major barriers to students’ progress through the pipeline, such as the need for more comprehensive curriculum alignment, a lack of consistent parental, community, and business involvement in education, and gaps in the availability and interpretation of longitudinal data. More information is available at www.umsystem.edu/ums/departments/aa/p-20

At the conclusion of its work, the task force had identified more than 200 programs across the system that might serve as exemplars in strengthening the pipeline. The task Force stopped short, however, of recommending specific programs to be replicated across the system and/or the state, given the complexity of many other contributing factors, including long-term effectiveness, scalability, and program cost. The task force did recommend several actions and areas of further study, including a commitment to support for college and career readiness levels for all Missouri students, focus on barriers to success at the postsecondary level, and greater participation in public-private partnerships.

STEM Initiatives

The P-20 Council takes interest in the work of other organizations working to encourage student participation in science, technology, engineering, and mathematics (STEM) fields of study and careers, including the Missouri STEM (aka METS) Coalition.

Throughout 2009, the STEM Coalition has continued active engagement in support of its mission, and can claim several major accomplishments:

- Secured funding for four additional middle school eMINTS/STEM classrooms from Bank of America; these classrooms were implemented in fall 2009 at schools serving more than 500 students

- Secured funding for the development of an online professional development course for teachers responsible for teaching personal finance from Bank of America; the course will open at no cost to teachers in the state beginning January 2010
- The coalition was featured in the State Educational Technology Directors Association (SETDA) Class of 2020 Action Plan for Education publication, "Science, Technology, Engineering and Mathematics" as a featured state-level initiative; the publication can be viewed at: http://www.setda.org/c/document_library/get_file?folderId=270&name=DLFE-257.pdf (see pg. 7)
- The first week of March is now designated in statute as METS week, and will provide an ongoing opportunity to focus awareness on student participation and career awareness in targeted fields.

In addition, the P-20 Council notes the establishment in 2009 of Science and Citizens Organized for Purpose and Exploration (SCOPE) Missouri, a non-profit organization dedicated to increasing awareness of current events and innovations in STEM disciplines in Missouri, and providing centralized information on education and workforce development resources. The P-20 Council looks forward to working collaboratively with SCOPE Missouri in 2010 and beyond in support of their common agenda.

Transitions

At the close of 2009, key transitions are in process that, once completed, will assist the P-20 Council and its partners in working toward their common goals. As of June 30, 2009, Dr. Tim Gallimore stepped away from his formal role as interim executive director of the state's P-20 Council, clearing the way for the Governor to appoint a permanent successor as is his prerogative in statute. The council expresses its appreciation to Dr. Gallimore for his service and leadership. To date, no permanent appointment has been forthcoming; the council stands ready to assist the Governor in this process at the appropriate time.

In addition, the P-20 Council has solicited bids for the development and maintenance of a dedicated website; a previous site hosted within state government is no longer available. Bids are now in hand and are awaiting the action of the council.

Finally, DESE serves as the fiscal agent for \$150,000 in federal Workforce Investment Act (WIA) grant funds, which are earmarked for P-20 initiatives, but must be expended prior to June 30, 2010.

Next Steps / Priorities for 2010 and Beyond

The P-20 Council will continue its work in 2010 with anticipated support from the Governor and other stakeholders in the state. The council will determine its activities once it ascertains the administrative priorities of the incoming administration.

However, there are outstanding issues which it will address including:

- Establishing tax-exempt, non-profit legal status
- Securing funding for annual operating budget
- Securing a permanent executive director
- Following up with results of the RFI for establishing regional P-20 councils
- Enlarging council membership to include early childhood education and other critical sectors in the P-20 initiative
- Coordinating the statewide effort for workforce development
- Updating and maintaining the P-20 Web site.

The Missouri P-20 Council is also working with the Senate 2020 Educated Citizenry Committee in its bi-partisan efforts to develop long-term strategies to ensure:

Every child enters school ready to learn;

- Access to quality education for all students;
- Support for stay-at-home parents;
- Adequate preparation for all students to become productive and successful citizens; and
- Missouri graduates who are competitive in the global marketplace.

On January 14, 2010, the Missouri P-20 Council made a presentation before members of the Missouri Senate regarding the history of P-20 in Missouri and the past, present, and future work of the Missouri P-20 Council.

Missouri P-20 Council

Senate Seminar

January 14, 2010



Historical Context

- December 1997 – Commitment to launch P-20
 - Grass roots effort
 - Topic driven
 - Use of Blue Ribbon Panels / Task Forces
 - Alliance of three major Missouri boards



Key Vision

- ❑ Quality Standards
- ❑ Public Awareness
- ❑ Enhanced Student Performance
- ❑ Curricular Alignment / Full Articulation
- ❑ Less Remediation (high school to college)
- ❑ Engagement of Business / Industry



First Report – December 1999

- Mathematics in Missouri
 - Sense of urgency
 - Improve student learning
 - Enhance teacher preparation
 - Quality content-driven professional development
 - Common data definitions – central database
 - Common research agenda



General Conclusions – July 2000

- ❑ Too many youth do not reach potential
- ❑ Postsecondary options limited
- ❑ Too much variation across Missouri
- ❑ Importance of life-long learning
- ❑ Need for intentional structure
- ❑ Negative impact on individuals and the state



Measuring Up - National Report Card

- ❑ Biennial reports issued beginning in 2000
- ❑ Focus on **Preparation, Participation, Completions, Affordability, and Benefits**
- ❑ Almost all states receive “F” in affordability
- ❑ Missouri mostly average on other indicators
- ❑ Measurement of student learning identified as a challenge



Second Report - March 2002

- ❑ Achievement Gap Elimination
 - Geographical location, social class, and race impact opportunity and performance
 - Despite gaps, clear evidence of high performance
 - Teacher quality identified as key
 - Major recommendations:
 - ❑ Incentives to recruit and retain high quality teachers
 - ❑ Accountability for K-12 and higher education



Business Education Roundtable

- New Governor establishes the Business Education Roundtable (BERT)
 - Need for well-trained workforce
 - Role of business emphasized
 - Federal requirements on teacher preparation
 - Quality processes / use of data
 - Needs of hard-to-staff schools



BERT Report - July 2003

- Key themes:
 - Urgency
 - Recruitment / retention
 - Preparation
 - Age appropriate pre-school activities
 - Community / business engagement
 - Continuous improvement
 - Financial incentives



Challenges Identified in 2004

- ❑ Silos reinforced by separate systems
- ❑ Random rather than systemic results
- ❑ P-20 accountability dispersed
- ❑ Difficulty of implementing recommendations
- ❑ Persistence of achievement gaps
- ❑ Average performance
- ❑ Limited resources
- ❑ Agreed-upon goals/measures



First P-20 Statute - August 2006

- ❑ P-20 Council established - Section 160.730, RSMo
 - “P-20” label not used in statute
 - Five persons to meet at least twice annually
 - Collaborative work between economic development and education
 - No staff or resources
 - Annual report to the governor and General Assembly



P-20 Council Goals

- Coordinate economic / educational policy
 - Identify obstacles
- Suggest remedies
 - Interventions for critical transition points
 - Cross-sector exchanges among workers
 - Alignment of policy and information systems
 - Regular feedback systems on remediation
 - Better alignment of academic content



Accomplishments

- ❑ Aligning competencies between high school and college
- ❑ Increasing science, technology, engineering, and math enrollments
- ❑ Forging partnerships for fastest growing industries
- ❑ Forging regional P-20 councils
- ❑ Obtaining competitive grants
- ❑ Integrating data systems



Second P-20 Statute – August 2009

- 2009 – Section 160.800, RSMo
 - “P-20” label in statute
 - Authorizes governor to establish a not-for-profit corporation
 - Places Chair of Coordinating Board for Early Childhood on Council
 - Expands memberships by an additional seven persons to be appointed by the governor



Activity Since P-20 Launch

- ❑ Increased attention and transparency
- ❑ Systematic exchange – formal engagement
- ❑ Building integrated data system
- ❑ New coalitions forming
- ❑ Inclusion of early childhood
- ❑ Focus on transitions (educational pathways and into the workforce)



Common Framework

- ❑ Increased understanding of interdependence
- ❑ Agreement on importance of P-20 work
- ❑ Extensive attention to conceptual issues associated with challenges and solutions
- ❑ Education seen as an investment
- ❑ Teacher quality recognized as key



Current Status

- ❑ No Executive Director
- ❑ Website under development
- ❑ Limited federal funds / no state appropriation
- ❑ Multiple grants primarily focused on building data warehouse
- ❑ Limited to no movement on additional members and 501(3)(c) application



Current Status (Continued)

- Partnerships and Collaborations
 - School / college partnerships
 - University of Missouri P-20 Task Force
 - STEM (aka METS) Coalition
 - Science and Citizens Organized for Purpose and Exploration (SCOPE)



Current Status (Continued)

- Expanded emphasis on the “p”
 - Summits and workshops
 - Coordinated participation in IES
 - Stronger interagency coordination
 - Focus on school readiness
 - System development for Pre-K
 - Research focus and data-driven decision-making
 - State Early Childhood Advisory Council



Recommendations / Priorities for 2010

- ❑ Establish single vision to drive public agenda
- ❑ Strategic planning
- ❑ Real enforcement of accountability
- ❑ Ongoing policy research
- ❑ Dedicated funding and staffing
- ❑ Support for additional regional P-20 councils
- ❑ Maximize change agent potential



Why the Same Lingering Issues?

- ❑ Years of report-driven focus
- ❑ Sustained focus was / is no one's full time job
- ❑ Priorities among partners differ or even conflict
- ❑ Lack of consistent / dedicated resources,
- ❑ Turnover in key positions, especially leadership
- ❑ Partners communicate and support internal work but don't really define and pursue common initiatives
- ❑ High-level visibility is inconsistent
- ❑ Labeling problematic at inclusion of business in future work



Message from David Kerr

Director
Department of Economic Development



Message from Valerie Lane

Chair

Coordinating Board for Early Childhood



Message from Chris Nicastro

Commissioner

Department of Elementary and Secondary Education



Questions?



P-20 Task Force Report

University of Missouri



P-20 Task Force Mission

- ❑ Identify critical areas where the university is lending its support to the state's Pre-kindergarten/early childhood through 12th grade improvement efforts
- ❑ Promote students' access, awareness and readiness for college across the state
- ❑ Find ways the university can enhance the preparation of tomorrow's educators and leaders



National Context

- ❑ Achievement gap remains a challenge: low-income and under-represented students are still far behind in high school graduation rates
- ❑ The college-going rate of U.S. high school graduates has declined steadily since 1996
- ❑ Obama 2020 Goal: The U.S. will have the highest proportion of college graduates in the world.



National Context

- “Leaks” in the pipeline are due to:
 - costs and lack of support
 - lack of academic preparation
 - transition and alignment challenges
 - lack of a college-going culture
 - poor quality educators
 - low expectations
 - inappropriate classroom structure
 - lack of system accountability



Missouri Context: The Pipeline Issue

- ❑ For every 100 ninth graders, 44 will enroll in college within one year of high school graduation
- ❑ Of these 44, only 21 will complete a bachelor's degree in six years
- ❑ From 2010 to 2017, high school graduates will decrease by 3% to 5% each year
- ❑ Data shows a future of a more racially diverse and economically disadvantaged student population



P-20 Task Force Agenda

- ❑ Focus on Pre-kindergarten/early childhood to 12th grade pipeline
- ❑ Identify existing barriers to graduation and college and career readiness
- ❑ Determine what existing programs best address the key barriers to college-going and college and career readiness
- ❑ Conduct focus groups and interviews
- ❑ Survey faculty and staff across the four campuses
- ❑ Develop inventory of P-12 pipeline programs

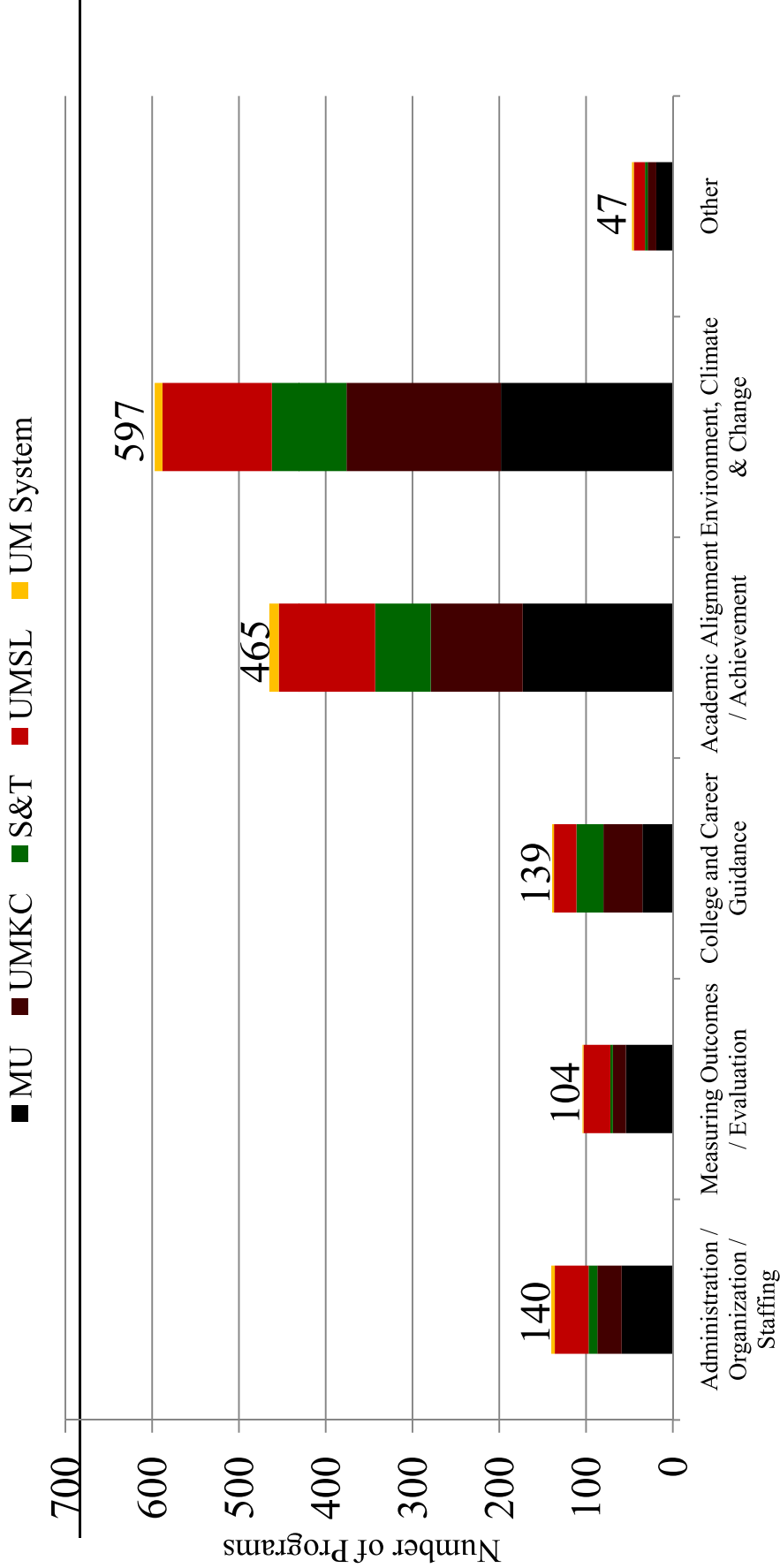


Survey Findings

- ❑ 257 active programs, addressing all age and grade levels (excluding degree and certificate programs)
- ❑ Approximately 175 additional degree and certificate programs to prepare and retain high quality P-12 educators
- ❑ Of the currently offered programs, 55% have been started since 2000 (some in existence for over 50 years)
- ❑ Pipeline programs involve most key constituents: teachers, librarians, administrators, counselors, current college students, parents, business and community leaders



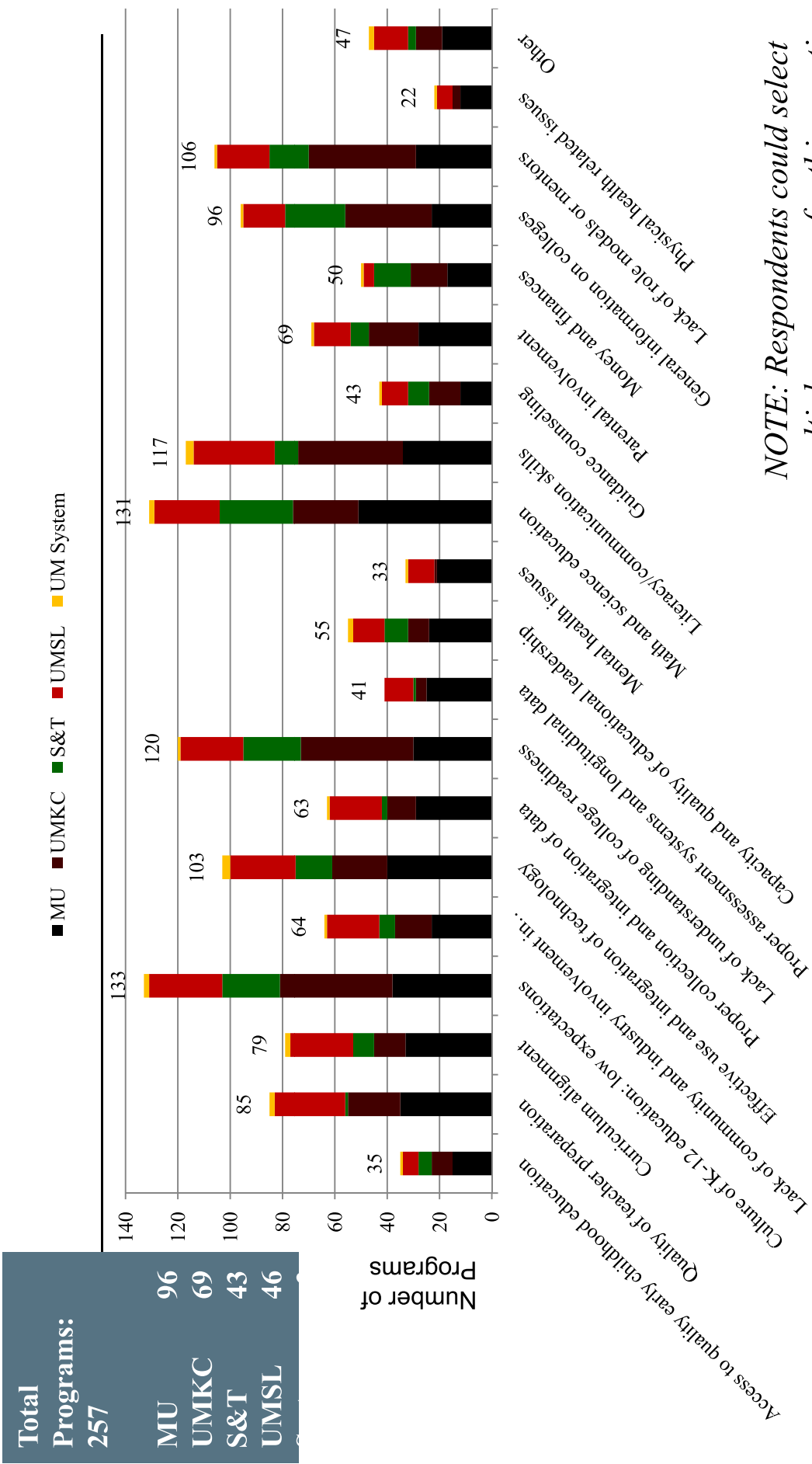
Barriers Being Addressed – Overview by Barrier Category



NOTE: Respondents could select multiple responses for this question



Barriers Being Addressed – Overview by Barrier



NOTE: Respondents could select multiple responses for this question



Enrollment Impacts – UM System

- Improved access to students of low socio-economic status
- 30% net enrollment growth among Pell Grant eligible students (low SES)
 - 2004: 16% (n=8,143) of UM students qualified for Pell Grants
 - 2009: 18% (n=10,289) of UM students qualified for Pell Grants



Recommendations

- ❑ Further examination of existing programs to consider scalability, sustainability, and effectiveness
- ❑ Commitment to college and career readiness levels for all Missouri students
- ❑ Patience for results
- ❑ In-depth look at barriers for each grade level
- ❑ Address 13-20 section of the pipeline
- ❑ Identify successful programs (best practices) that the University of Missouri is not engaged in
- ❑ Leverage public-private partnerships
- ❑ Continue to pursue existing best practice
- ❑ Opportunity to build web portal for access and success
<http://www.cfnc.org/index.jsp> (example)